

05-14-01

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF EXPRESS MAILING

I hereby certify that this paper and the documents and/or fees referred to as  
therein are being deposited with the United States Postal Service  
on **May 10, 2001** in an envelope as "Express Mail Post Office to  
addressee" service under 37 CFR §1 10, Mailing Label Number  
**EF 414168713 US**, addressed to the Assistant Commissioner of Patents,  
Washington, DC 20231.

Jay R Beyer

Attorney Docket No.: DCI-P017C

First Named Inventor:

Guenter W. Brune

EF 414168713 US



**UTILITY PATENT APPLICATION TRANSMITTAL (37 CFR § 1.53(b))**  
(Continuation, Divisional or Continuation-in-part application)

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

☒ Duplicate for  
fee processing

Sir: This is a request for filing a patent application under 37 CFR. § 1.53(b) in the name of inventors:  
**Guenter W. Brune, John E. Mercer, and Shiu S. Ng**

For: **SKIN DEPTH COMPENSATION IN UNDERGROUND BORING APPLICATIONS**

This application is a ☒ Continuation ☐ Divisional ☐ Continuation-in-part of prior Application No.  
**09/323,722**, filed on **June 1, 1999**, from which priority under 35 U.S.C. §120 is claimed.

Application Elements:

- ☒ **29** Pages of Specification, Claims and Abstract  
☒ **13** Sheets of **formal** Drawings  
☒ **3** Declaration  
☐ Newly executed (original or copy)  
☒ Copy from a prior application (37 CFR 1.63(d) for a continuation or divisional). The entire disclosure of the prior application from which a copy of the declaration is herein supplied is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.  
☐ Deletion of inventors Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

Accompanying Application Parts:

- ☒ Assignment and Assignment Recordation Cover Sheet (recording fee of \$40.00 enclosed)  
☐ Power of Attorney  
☐ 37 CFR 3.73(b) Statement by Assignee  
☒ Information Disclosure Statement with Form PTO-1449 ☐ Copies of IDS Citations  
☒ Preliminary Amendment (*New claims numbered after highest original claim in prior application.*)  
☒ Return Receipt Postcard  
☒ Small Entity Statement(s) ☐ Statement filed in prior application. Status still proper and desired.  
☐ Request and Certification under 35 USC 122(b)(2)(B)(i).  
☐ Other:

Claim For Foreign Priority

- ☐ Priority of \_\_\_\_\_ Application No. \_\_\_\_\_ filed on \_\_\_\_\_  
is claimed under 35 U.S.C. § 119.  
☐ The certified copy has been filed in prior application U.S. Application No. \_\_\_\_\_  
☐ The certified copy will follow.

Extension of Time for Prior Pending Application

- ☐ A Petition for Extension of Time is being concurrently filed in the prior pending application. A copy of the Petition for Extension of Time is attached.

Amendments

- ☒ Amend the specification by inserting before the first line the sentence: "This is a
- ☒ Continuation ☐ Continuation-in-part ☐ Divisional  
application of copending prior
- ☒ Application No. **09/323,722**, filed on **June 1, 1999**,  
☐ International Application \_\_\_\_\_ filed on \_\_\_\_\_ which  
designated the United States,  
the disclosures of which are incorporated herein by reference."
- ☒ Cancel in this application original claims **2-47** of the prior application  
before calculating the filing fee. (*At least one original independent claim must be retained.*)

Fee Calculation (37 CFR § 1.16)

NO. FILED	(Col. 1) (Col. 2)		SMALL ENTITY		OR	LARGE ENTITY	
	NO. EXTRA		RATE	FEE		RATE	FEE
BASIC FEE				\$355	\$355	OR	\$710
TOTAL CLAIMS	<u>32</u>	-20 =	<u>12</u>	x9 =	\$108	OR	x18 =
INDEP CLAIMS	<u>13</u>	-03 =	<u>10</u>	x40 =	\$400	OR	x80 =
Multiple Dependent Claim Presented				\$135 =	\$	OR	\$270 =
* If the difference in Col. 1 is less than zero, enter "0" in Col. 2.				Total	\$863	OR	Total

- ☒ Check No. **3304** the amount of **\$903.00** to cover the Application fee and the Assignment Recordation fee is enclosed.
- ☐ The Commissioner is authorized to charge any fees beyond the amount enclosed which may be required, or to credit any overpayment, to Deposit Account No. **19-1685** (Order No. **DCI-P017C** ).

General Authorization for Petition for Extension of Time (37 CFR §1.136)

- ☐ Applicants hereby make and generally authorize any Petitions for Extensions of Time as may be needed for any subsequent filings. The Commissioner is also authorized to charge any extension fees under 37 CFR §1.17 as may be needed.
- ☒ Please send correspondence to the following address: **Customer Number 21833**

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Date: May 10, 2001

Jay R Beyer  
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